

FOLIO

UNIVERSITY OF ALBERTA
1 OCTOBER 1993



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Yuichi Kurimoto Memorial Scholarship established

BCom (Japan Studies) students will study business and management in Japan

On the surface, the Yuichi Kurimoto Memorial Scholarship is about teaching and learning. At its roots, the scholarship is about the great affection that Dr Hiroshi Kurimoto and his family have for the University of Alberta.

The newly established scholarship honours the memory of Yuichi Kurimoto, who, with his earning of a BA in 1930, became the first Japanese graduate of the U of A. He later founded Nagoya University of Commerce and Business Administration (NUCBA) and became its first president. Over the years, Dr Kurimoto worked several visits to the U of A into his schedule, taking pleasure in strengthening friendships and in presenting gifts such as books on Japanese language and culture and the two stone lanterns which are now at the Kurimoto Japanese Garden.

Upon his death in 1981, Dr Kurimoto's son, Hiroshi, succeeded him as president of NUCBA. As his father did, he holds the U of A in high regard, as witness the creation of the Yuichi Kurimoto Scholarship Fund, an endowment of \$500,000 that springs from gifts from Nagoya University of Commerce and Business Administration, the late Dr Shizu Kurimoto, and President Kurimoto.

"This is a truly splendid gift," one which reflects the remarkable commitment of Dr Hiroshi Kurimoto to the University of Alberta," says President Paul Davenport. "President Kurimoto and I discussed this project at some length last April, when we met for lunch in Tokyo. I assured him that increasing our international academic contacts is a top priority for the University and that the schol-



President Hiroshi Kurimoto

arship he envisaged would be of significant benefit in pursuing that objective.

"I am delighted to see that Dr Kurimoto's vision is now reality, and I am profoundly grateful for his leadership in fostering international student exchanges."

The income earned by the Fund will support the Yuichi Kurimoto Memorial Scholarship to be awarded annually to students enrolled in the BCom (Japan Studies) degree program in the Faculty of Business. Both the value of the scholarship and the number awarded are variable; awards will be made on the basis of academic merit and satisfactory Japanese language proficiency.

The scholarship holders will study Japanese business and management in Japan. They will be welcome to study at NUCBA (an

institution of 3,618 students), but can also study at another Japanese university, Japanese companies, and/or Japanese business organizations.

"When the University of Alberta decided to create the Bachelor of Commerce (Japan Studies), it showed its commitment to accepting the Pacific Rim as one of the dominant forces in the world economy, and foresight in wanting to give its students access to this growing market," says President Kurimoto. "With such a course, it is very important that as many students as possible are given the opportunity to spend a part of their study in Japan, to gain first-hand experience of the country, people, and economy."

"My father was the first Japanese citizen to attend the University of Alberta in the



President Paul Davenport

1920s and was greatly influenced by its ideas and philosophy during his founding of Nagoya University of Commerce and Business Administration. I felt that this would be a perfect opportunity to repay some of that guiding inspiration by endowing this scholarship. It will also serve as a reminder and celebration of the close partnership that the two universities have enjoyed for forty years.

"Who knows, perhaps the new course will produce a Canadian 'Yuichi Kurimoto' to do great things in Canadian education."

Chancellor Sandy MacLaggart refers to Dr Kurimoto as "a man of admirable qualities, a great friend of the University of Alberta, from whom we may learn much by example."

"President Kurimoto's father, this University's first Japanese student, on his return to Japan, founded and nurtured a private university of great beauty and quality."

"The faculty's initial association with the U of A has been reinforced by continual contact through exchange programs and by a series of generous gifts including those to help fund the Kurimoto Japanese Garden at the Devonian Botanic Garden. Now a half million dollar endowment has been donated to enable University students to spend a year in Japan. The respect and affection of the U of A for the Kurimoto family are reflected in the fact that no other family has ever received these honorary degrees. Long may these characteristics encourage our continued association."

Rodney Schneck, Dean of the Faculty of Business, says the Kurimoto Memorial Scholarship is a marvelous opportunity for students in the BCom (Japan Studies Program). "The growing economy of the world is in Japan and Asia. The better we know about it, the better it is for Canada."

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Ady against deregulating tuition fees

As institutions approach cap, policy may have to be reviewed

The Minister of Advanced Education and Career Development doesn't support deregulation of tuition fees.

"I'm not convinced that it's fair to students or to the taxpayer," Jack Ady said in the Legislative Assembly recently. "Times are difficult for students right now."

"They're having a difficult time paying back their loans, and I don't think it's fair or reasonable to make them start their careers with enormous debt loads that may take them a lifetime to pay back," the Minister said, responding to official opposition members' questions.

However, he didn't rule out the possibility of reviewing the provincial government's tuition fee policy cap. "Currently, there's a tuition fee ceiling of 20 percent of operating costs that the institutions can charge for tuition. I admit that as institutions move closer and closer to this cap, our policy—like all other policies—may be reviewed."

"For every increase in tuition, we increase our student assistance programs through the student loan program that we have."

Ady said he expects the results of a report within 30 days, "which will give us, hopefully, some alternatives for students to look at that will allow them more flexibility in repayment of their student loans in this province."

The default rate on student loans in Alberta is 23.5 percent. The Senate Task Force on Student Finance found that the default rate for university students was 6.5 percent, considerably lower than the average.

The Minister said the high default rate is caused, in part, because students are unable to repay according to the repayment schemes and schedules available to them. "That's caused our department to initiate a process to review the repayment system for students in this province."

Review board gives full marks to AHFMR

Credits Foundation for Alberta's enviable position on medical research map

The province's Heritage Foundation for Medical Research has put Alberta in the forefront of medical research on the continent.

And says an international board of review, the province is now one of the leading medical research centres in North America. Last week the review board released its report on the operation of the AHFMR for 1987-93.

Review Board Chair Samuel Freedman, a professor at McGill University and director of research for the Jewish General Hospital in Montreal, said, "The board was impressed by the Foundation's ability to respond to emerging needs in health-related research."

"We are confident that Alberta researchers and potential users of their discoveries will continue to be well-served by the AHFMR."

The board had high praise for researchers supported by the AHFMR at the Universities of Calgary and Alberta, citing a number of ground-breaking discoveries.

Premier Ralph Klein said promoting scientific research and innovation is a key part of the province's economic strategy. "I'm pleased to report that our medical research foundation has put Alberta on the world map for medical research and that our scientists can hold their own with the best in the world. Already their innovations are being commercialized and, in some cases, have become the basis for new Alberta companies."

AHFMR President Matthew Spence said the Foundation will be moving into health promotion and prevention research. "Finding ways to prevent illness and to make people more responsible for their own health is all part of developing a more effective, affordable health care system in Alberta."

AHFMR was established in 1980. Since then, the Foundation has contributed more than \$400 million to scientific research in the province, enabling the U of A and U of C to recruit top medical researchers from around

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Senate hears from Edson, Hinton and Jasper residents

Distance education main concern

Residents from three western Alberta towns had numerous questions about distance education, transfer credits, access to courses and access to information about courses when they met with U of A Senators last weekend.

Once a year the Senate has a full meeting out of town in order to hear from residents about any comments they may have about the U of A.

On 25 and 26 September, the Senate, accompanied by President Paul Davenport and Registrar Brian Silber, conducted one portion of its meeting in Edson, visited the Forestry Technology School in Hinton and completed the meeting the following day in Jasper.

Residents from all three communities spoke to the Senate.

"Most of our students are female, mature adults and find it tough to leave the region," noted Harry Gains during his presentation to the Senate at the Edson Recreation Complex. Gains spoke on behalf of the Yellowhead Consortium, an educational coordination group that this year enrolled 430 full-time equivalent students from Edson, Hinton and Grande Cache.

Gains and the University Studies Coordinator, Mark Lee, both called on the University

to increase its distance education course and program offerings, address quota issues, instructional requirements, and course credits.

Lee suggested an increase in two and three credit courses would be welcomed in the region. Some students who begin full-year six credit courses find they have to leave after Christmas and when they leave they don't receive any credit for completed course work. Six credit courses may work well for full-time students on campus, Lee argued, but two and three credit courses work better for part-time students taking courses off campus. More than 95 percent of the course offerings from the U of A are two, three, or four credit courses.

President Davenport and Brian Silber responded jointly to the community enquiries.

They explained that the expansion of course offerings has been hampered until very recently.

For years, US colleges have been giving course offerings in Canada and charging on a cost recovery basis. Provincial government restrictions prevented the U of A from offering courses on the same recovery basis. Those restrictions have just been lifted by the province and the U of A can now respond to market demands and recovery costs.

Pet Cole, Technology Transfer Officer for Foothills Forest in Hinton, called on the U of A to be creative in providing distance education.

"Solutions don't have to be high-tech and expensive. It can be as simple as videotaping a lecture in the morning, putting it on a bus in the afternoon and getting it to us so we can benefit from the same professor and the same information," Cole explained.

In Jasper, Dale Karpuk, principal of Jasper Junior/Senior High School, called on the University to further streamline its transfer system and reconsider the second language requirement for admission to Arts. He applauded the expanded use of the new primary education practicum in rural Alberta.

Silber explained how effective the transfer system has become but acknowledged there still remains opportunities for refinement. Dr Davenport said the second language requirement at the U of A gives students an option. They can apply to the U of A where the standard is considered important or they have the option to apply to other institutions where the requirements are not as stringent.

A summary of the representations made to the Senate during its out-of-town meeting is available from Mary Tolman in the Senate office.

AHFMR

Continued from page 1

the world. Those researchers have been able to attract millions of dollars to the province from the federal granting agencies and private sources. In 1992-93, for example, AHFMR researchers received two dollars for every one dollar from the Foundation.

Seven health experts from Canada, the United States and Europe sat on the review board.

The review board had a number of recommendations, the first being that AHFMR trustees maintain the endowment of the Foundation at today's market value, or higher, in order to preserve its original purchasing power.

The IBR recommended that AHFMR support a limited number of additional postdoctoral fellowships as an innovative fast-track response program administered by the universities. Faculty members would be eligible to apply for support of a postdoctoral fellow through block grants to their university from the Foundation. The IBR also supported the current policy of reducing the level of spending on some of the infrastructure programs associated with personnel and training awards.

Recognizing the need for the AHFMR to support recruitment and core excellence, the IBR recommended that AHFMR develop a policy that will provide career security for outstanding AHFMR-funded scientists, and that will create opportunities for recruitment in existing areas of strength and a limited number of new initiatives. "In order to implement this policy while maintaining a steady-state budget, the IBR recommends a programmed reduction in the number of AHFMR-funded faculty positions over the next five years."

There are approximately 71 AHFMR-funded positions at the University of Alberta and 88 at the University of Calgary.

The review board recommended that collaborative projects be encouraged between the universities, and that consultative and collaborative activities be encouraged with universities, the provincial government's health-related agencies, foundations, research institutes and universities outside the province.

The review board pointed out that the Foundation is facing a dilemma of conflicting priorities shared by many funding agencies formerly operating solely in the biomedical area. "The IBR recommends that health research be supported in relation to the characterization and prioritization of health problems in the province."

Martha Piper appointed to ARC Board of Directors

Martha Piper, Vice-President (Research), has been appointed to the Alberta Research Council Board of Directors.

Lorne Taylor, MLA and chairman of the 15-member Board of Directors, announced Dr Piper's appointment 27 September. She will serve on the board for three years.

Dr Piper joined the University of Alberta in 1985 as Dean of the Faculty of Rehabilitation Medicine. She was appointed to her present position in 1992. Dr Piper's research focuses on the development of the central nervous

system in premature infants and how these babies learn to move. She and her team of researchers have developed a new infant evaluation scale which assists in measuring the level of early motor development in infants.

She is a Fellow of the American Academy for Cerebral Policy and Developmental Medicine and a member of the provincial advisory committee on health research, the US Society for Behavioral Pediatrics, and the Association for Research in Infant and Child Development.



Martha Piper

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Campus Recreation drops four intramural activities

Campus Recreation's Men's Intramural Council has decided to drop four activities from its fall events calendar.

At its meeting 8 September, the Council eliminated men's intramural tennis, co-recreated doubles tennis, the swim/dive meet and team cyfluthon, a team fun-bike-run event.

Council members felt that if the staff was not able to organize and supervise the activities properly, it was better to cut them, at least for this year, explains Hugh Hoyles, Associate Director of Campus Recreation.

The money saved, while not a large amount, can be used in other areas of the program.

"There is no question that the U of A's reputation as having one of the best campus recreation programs in North America is threatened," said Hoyles.

Over the summer, Campus Recreation decided to cut its recreation programming at the Michener Park student housing complex. In the last several years, Campus Recreation has helped the Michener Park Community Association run programs for adults and children at the housing complex.

Applied Legal Studies offering course on child welfare

Following closely on the heels of highly publicized child welfare cases in this province, Applied Legal Studies is offering a noncredit course titled Child Welfare.

The course, which will span eight Tuesdays beginning 12 October, is expected to examine some of the fundamental goals of a child welfare system and some of the problems associated with the system. It will be taught by Anna Pollast, a lawyer who has worked in the child welfare field, and Bernd Walter, a lawyer and Alberta Children's Advocate.

The course will include a comprehensive review of specific components of the prov-

ince's child welfare legislation and an examination of the system's response to children at risk. There will also be an exploration of philosophical issues and principles which govern the state's approach to child welfare.

Applied Legal Studies is also offering three courses: Introduction to Law; Criminal Law; Young People in Conflict with the Law; Legal Research-Basic; Legal Database-Basic; Feminist Legal Circle; Law for Consultants; and Policy Development for Not-for-Profit Organizations.

For more information and to enroll, call 492-3109 or 492-3116.

Kurimoto Scholarship

Continued from page 1

"As a Business Faculty, we have to be very outward-looking. There are no boundaries in the world of business."

The BCom (Japan Studies) program came on stream in the fall of 1991. It is coordinated by the Centre for International Business Studies (CIBS), in cooperation with the Faculty of Arts, and combines sound business education with systematic supporting education in the Japanese language, culture, economics, history and politics.

During the past summer, the University of Alberta and Nagoya University of Commerce and Business Administration signed a Memorandum of Understanding with a view to creating cooperative joint efforts between the Faculty of Business and NUCBA.



University
of
Alberta

Russian cosmologist pondering the 'simple' questions; joins strong U of A group
Valery Frolov holds Killam Memorial Chair

In his office on the ground floor of the Physics Building, cosmologist Valery Frolov pores over a paper on a particular aspect of black holes. The paper, written by a colleague who resides halfway round the world, is one of many Dr Frolov will read every year, in a field expanding almost as rapidly as the universe did after the big bang.

Yes, reading papers is important in a field that changes at an incredible rate, says Dr Frolov, a 47-year-old Russian cosmologist who has recently taken up residence as one of this University's Killam Memorial chairholders.

But it's much more important to have the ability to discuss directly with colleagues how they've arrived at their own distinct conclusions. And therein lies one of the primary reasons Dr Frolov accepted one of this University's most prestigious chairs: he has the opportunity to trade ideas daily with cosmologists such as Werner Israel and Don Page, colleagues with whom he has collaborated in the past.

"There are many strong gravitational physicists and cosmologists here. And when you're speaking face-to-face, it's easier to understand and formulate problems. Another point of view on the same topic is tremendously helpful," says Dr Frolov, reputed to be among the top three or four Russian gravitational theorists in the world.

His 1989 book *The Physics of Black Holes*, written in collaboration with Igor Novikov, another leading Russian cosmologist, is considered by many to be the standard treatise in the field.

"It's a great honour to be here," says Dr Frolov. "It's nice financial support, but it's also moral support. It's a recognition that the problems I'm investigating are important and interesting."

Dr Frolov worked for a year at the University of Copenhagen before accepting the U of A offer.

According to Dr Frolov, who graduated from Moscow University and has been a leading cosmologist with the P.N. Lebedev Physical Institute in Moscow, it's an exciting time to be involved in the field. Questions cosmologists are now asking are really quite simple: What is the origin of the universe?



Valery Frolov, a Russian cosmologist anxious to work with the U of A's cosmology group.

What is the origin of space and time? What happens when the universe stops expanding? What happens inside black holes?

"It looks as if there is some kind of simplification of the picture developing. And it may be the right time to begin answering the simple questions," he explains.

Next term he will teach a course on gravitational theory and black hole physics to graduate students. Meantime, he's preparing a second edition of his book, a task he's finding exceptionally difficult. The text has had to be virtually rewritten to incorporate advances in the field and new chapters have had to be added.

The two Russian cosmologists' rewriting has also been slowed by the discovery of new isophotes associated with the mysteries of black holes.

Dr Frolov's reputation as an extraordinary physicist was bolstered when he was one of the first scientists to follow up Stephen Hawking's 1974 discovery that black holes evaporate by a quantum-tunnelling process, and he's contributed to the better understanding of this and related phenomena. He's also collaborated with Dr Israel on an extensive study of cosmic strings, and studied vacuum polarization near black holes.

The Russian cosmologist has also investigated the bizarre properties of cosmic strings—important in the theories of galaxy

formation. He's studied the causal paradoxes, or time machines, associated with the existence of "wormholes" linking distant parts of the universe.

He'll soon be joined by his wife, Raisa Frolova, who is also a physicist and is attending to family matters in Russia. His 17-year-old son Andrei arrived with him in early August, so he could begin studying physics as an undergraduate student in the Faculty of Science. He's already completed one year of physics at Moscow University.

Asked whether he would be living and working in a Western country if the Soviet Union had not collapsed, Dr Frolov says it would certainly have been more difficult to

come without the collapse of that state. "In any case, I'll use this opportunity to work. It's more complicated for people working in experimental physics to move, because they need instruments and much more money than theoreticians," he says. On the other hand, theoreticians need much less—colleagues, a blackboard and a computer, he adds.

"Many people [in the former Soviet Union] are going abroad, some for a few months, others for a year."

In 1981, he spent a month at the University of British Columbia working with colleagues. There he also immersed himself in an English environment. "I studied English for seven years in school and five years in university, but in practice you still cannot speak the language," he says, laughing. "I knew the theory of the language, but not the language."

He hasn't had any difficulty adapting to Canadian society. In part, he attributes that to the fact he has visited the country several times. He adds that he spends an extraordinary amount of time within the University's walls.

PRESIDENTIAL SEARCH COMMITTEE

Dr Paul Davenport has accepted the position of President at the University of Western Ontario effective 1 July 1994 and therefore will not be standing for a second term of office. The Board, in accordance with GFC and Board-approved procedures set out in Section 102.11C) of the GFC Policy Manual, has decided to proceed with the structuring of a Presidential Search Committee. By GFC and Board policy, the composition of a Search Committee is the same as that of a Presidential Review Committee.

The composition of the Search Committee for President includes three members of the continuing full-time and continuing part-time faculty who do not hold administrative positions and who are not on leave. Nominations for these positions are now being sought.

Written nominations supported by the signatures of five members of the continuing full-time and continuing part-time academic staff (not including the nominee) may be submitted to the Director of the University Secretariat, Ellen Schoeck, 2-5 University Hall. **Nominations must be received by Friday, 15 October, 1993, 4:30 pm.** Nominees must agree to stand for election to the Search Committee. A brief vitae of the candidate should accompany the letter of nomination. GFC regulations require that nominees may not be holders of administrative positions, such as Dean or Department Chair, since administrators are already represented on the Review Committee. The full composition of the Search Committee for the President, together with nomination and election procedures, are contained in Section 102 of the GFC Policy Manual. If you have any questions about eligibility to serve or to nominate, please call Ellen Schoeck at 492-5430.

'Left turn...should I go or should I wait?'
Professor and student studying what factors bear on drivers' decisions

You're waiting for a gap in the traffic so you can turn left. Someone behind you is leaning on their horn. Should you go now, should you wait?

It's not as simple a decision to make as you might think, say Civil Engineering Professor Stan Teply and PhD graduate student Mona Abou-Henaidy. The fact is, there's a risk associated with turning left at uncontrolled intersections.

So how do people decide? And what are the factors that influence this kind of decisionmaking? That's what Abou-Henaidy wanted to find out. Now, after examining several intersections in the city over extended periods of time, she's able to shed some light on those questions.

Abou-Henaidy is using a sophisticated discrete choice behaviour model that makes it possible to express the relative influence of individual factors in numbers.



Stan Teply (Civil Engineering) and PhD student Mona Abou-Henaidy spend a lot of time watching drivers make decisions.

For example, she found that drivers are more likely to turn left on shorter gaps in the oncoming traffic if there are vehicles behind them. Likewise, drivers will accept shorter

gaps in the oncoming traffic in which to turn left as the traffic gets heavier.

As the speed of the oncoming traffic increases, drivers are less likely to proceed on the shorter gaps in the traffic, however. And as the queue delay increases, drivers are more prepared to turn left across oncoming traffic in those shorter gaps.

Abou-Henaidy also found, after reviewing seemingly endless streams of videotape, that drivers are less likely to turn left across oncoming traffic in those shorter gaps if they've got passengers in the car. Males are more likely than females to turn on the shorter gaps in traffic. Drivers' age doesn't appear to be a significant factor.

Abou-Henaidy and Dr Teply aren't suggesting they've uncovered all the factors which influence drivers' risk-taking behaviour. It's complex and requires interdisciplinary study. But Abou-Henaidy has come up with statistically-sound data upon which transportation decisions can be based. Says Dr Teply: "True engineering decisions have to be based on how people behave. That's the basis of transportation design."

Some fundamental transportation decisions can be founded on the kind of information Abou-Henaidy has gathered. For example, transportation engineers—knowing some of the key factors that govern drivers' behaviour—can decide when signals are necessary, whether an interchange should be built, or when advance or delay signals should be installed.

Abou-Henaidy's dissertation work has been eagerly awaited by transportation researchers, and her findings will be published in transportation journals. Dr Teply said the research confirms some findings traffic engineers have already suspected. For example, if people have to wait more than 30 to 40 seconds to turn left, they start getting impatient.

"Researchers in Australia, Germany and the United States have been waiting for our results," says Dr Teply, a well-known and respected transportation engineer. "This is the first project of its kind. The interest in this is enormous because of the modelling technique we're using and the practical implications of the research."

Curtain up

Horowitz Theatre scene of world premiere of 'An Accident at Lyme'

Jane Austen meets Rodgers and Hammerstein.

That is what will happen, roughly speaking, on Monday night (4 October) in Myer Horowitz Theatre at the world premiere of "An Accident at Lyme," a musical adapted from Jane Austen's last and most romantic novel, *Persuasion*.

The performance is at 8 pm; while admission is free, it is by ticket only. Tickets can be obtained from the English and Drama Departments and from the Students' Union information booths.

The musical is far from being a straight retelling of the novel. For one thing, "An Accident at Lyme" makes Austen herself a central character and presents its story as something the author is in the process of creating. The relationship between Austen and her heroine, Anne Elliot, is virtually as important in the musical as that between Anne and the novel's hero, Captain Wentworth.

Another striking change is that, while the musical makes straightforward use of Austen's comedy of manners, it presents the love between hero and heroine much more fully than does the novelist, who is distinctive for her reserve, or just plain refusal to present what was said and done, in her novels' big love scenes.

The creators of the musical, librettist Paula Schwartz and composer Neil Moyer, will attend the performance, having flown up from their homes in the Washington, D.C. area. Stephen Heatley and Judith Bowen, both of whom are MFA graduates of the University, are the show's producer and costume/set designer, respectively. Director Richard Link has also arranged the music, to be played by a four-person ensemble. Debbie Giesbrecht, Gail Sebat and David Hinton-Briz have the three leading roles among the musical's 13 characters.

"An Accident at Lyme" is being staged with support from a grant by The Friends of the University of Alberta. The musical will be a highlight of the 1993 annual meeting of the Jane Austen Society of North America (JASNA), to be held at Lake Louise 7 to 10 October. Conference convenors Juliet McMaster and Bruce Stovel, both of the Department of English, report that some 600 delegates will be meeting to discuss *Persuasion*.

Richard Rorty coming to campus

Richard Rorty, regarded as one of the English-speaking world's most controversial and engaging intellectuals, will give two talks at the University of Alberta on 8 October.

A former teacher of philosophy at Princeton University, Professor Rorty is now University Professor of Humanities at the University of Virginia. He is a frequent contributor to the *London Review of Books* and other literary journals, and is the author of a number of books, including *Contingency, Irony, and Solidarity*, *Consequences of Pragmatism*, *Objectivity, Truth and Relativism*, and *The Linguistic Turn*.

Much of his recent work tries to show how commitment to liberal values can be combined with sympathy with many recent radical trends in philosophy, literary theory, legal and political theory which reject Enlightenment commitments to universal standards of truth, objectivity, and value.

Academic Staff Promotions effective 1 July 1993

AGRICULTURE AND FORESTRY AND HOME ECONOMICS

Name	Department	New rank
VJJ Liefiers	Forest Science	Professor
NG Juma	Soil Science	Professor
MI McBurney	Food Sc. & Nutr.	Assoc. Professor
F Teneille	Food Sc. & Nutr.	Assoc. Professor
SE MacDonald	Forest Science	Assoc. Professor
J Zwiasek	Forest Science	Assoc. Professor
RC Isaacvalde	Soil Science	Assoc. Professor
CA Morgaine	Human Ecology	Assoc. Professor

ARTS

GAF Hollingshead	English	Professor
ME Enzle	Psychology	Professor
O Bnytskyj	Slavic & E.Eur. St.	Professor
PA Saran	Sociology	Professor
RJ Leblanc	Anthropology	Assoc. Professor
NC Lovell	Anthropology	Assoc. Professor
L Leung	East Asian St.	Assoc. Professor
G Burger	English	Assoc. Professor
SR Reimer	English	Assoc. Professor
SG Semon	English	Assoc. Professor
DM Bruce	Romance Lang.	Assoc. Professor
H Boelich	Sociology	Assoc. Professor

BUSINESS

ER Erhut	Fin. & Mgmt. Sc.	Professor
RP Gephart	Org. Analysis	Professor
K Jamal	Actg. & Mgmt. Inf. Sys.	Assoc. Professor
KL Stratton-Devine	Org. Analysis	Assoc. Professor

DENTISTRY

WT McGaw	Oral Biology	Professor
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EDUCATION

J Frie	Educ. Admin.	Professor
ML Haughey	Educ. Admin.	Professor
LM McDonald	Educ. Psychology	Professor
HM Hayden	Elementary Educ.	Professor
MF Juliebo	Elementary Educ.	Professor
AM Schrader	Liter. & Info. St.	Professor
TR Carson	Secondary Educ.	Professor
WG Maynes	Educ. Admin.	Assoc. Professor
PT Roake	Educ. Foundations	Assoc. Professor
S Toh	Educ. Foundations	Assoc. Professor
G Hani	Educ. Psychology	Assoc. Professor
D Oberg	Elementary Educ.	Assoc. Professor
KJ Wilson	Elementary Educ.	Assoc. Professor
AE Altmann	Liter. & Info. St.	Assoc. Professor
TM Drevwing	Adult, C & T Ed.	Assoc. Professor

ENGINEERING

RE Hayes	Chemical Eng.	Professor
GR Finch	Civil Eng.	Professor
PM Skellier	Civil Eng.	Professor
WH Finlay	Mechanical Eng.	Professor
NO Eggleston	MinMetPetrEng.	Professor
DG Ivey	MinMetPetrEng.	Professor
SM Kresta	Chemical Eng.	Assoc. Professor
SM Abouarizk	Civil Eng.	Assoc. Professor
KR Fyle	Mechanical Eng.	Assoc. Professor
M Zuo	Mechanical Eng.	Assoc. Professor
WS Tortike	MinMetPetrEng.	Assoc. Professor

FACULTÉ SAINT-JEAN

C Tardif	Faculté St Jean	Professor
JA Breglin	Faculté St Jean	Assoc. Professor
C Couture	Faculté St Jean	Assoc. Professor
L Mandin	Faculté St Jean	Assoc. Professor
F Gobeil-Dryer	Faculté St Jean	Asst. Professor

LAW

RW Bauman	Law	Assoc. Professor
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LIBRARY

MF Berabain	Library	Librarian 3
BA Champion	Library	Librarian 3
LW Choi	Library	Librarian 3
JL Coher	Library	Librarian 3
JY Girouard	Library	Librarian 3
RP Reichardt	Library	Librarian 3
LN Seale	Library	Librarian 3
S Wilkins	Library	Librarian 3
DC Rollins	Library	Librarian 2
ID Scott	Library	Librarian 2

MEDICINE

GR Buzzell	Anatomy	Professor
RL Whitehouse	Medical Micro	Professor
SMJ Dunn	Pharmacology	Professor
OY Kunimoto	Medical Micro	Assoc. Professor
RJ Read	Medical Micro	Assoc. Professor
CL Chik	Medicine	Assoc. Professor
EL Tuoh	Medicine	Assoc. Professor
GT Drummond	Ophthalmology	Assoc. Professor
K Barrington	Pediatrics	Assoc. Professor
C Baxter	Pediatrics	Assoc. Professor
WP Gail	Pharmacology	Assoc. Professor
AKC Ho	Physiology	Assoc. Professor
MT Martin-Iversen	Psychiatry	Assoc. Professor
EE Tredget	Surgery	Assoc. Professor

PHARMACY & PHARMACEUTICAL SCIENCES

RT Foster	Pharmacy	Assoc. Professor
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REHABILITATION MEDICINE

SA Warren	Rehab. Medicine	Professor
JF Yang	Phys. Therapy	Assoc. Professor

SCIENCE

S Calvey	Computing Sci.	Professor
MT Oran	Computing Sci.	Professor
FE Naeging	Genetics	Professor
R Jia	Mathematics	Professor
ACF Liu	Mathematics	Professor
G Swaters	Mathematics	Professor
PM Hooper	Stat. & App. Prob.	Professor
ZW Gortel	Physics	Professor
JA Tuszyński	Physics	Professor
SJ Hannon	Zoology	Professor
RA Poliquin	Mathematics	Assoc. Professor
SS Shen	Mathematics	Assoc. Professor
N Prasad	Stat. & App. Prob.	Assoc. Professor
B Schumland	Stat. & App. Prob.	Assoc. Professor
NL Rodning	Physics	Assoc. Professor
M Belseric	Zoology	Assoc. Professor

CaPS having open house

CaPS Open House '93 will be held Wednesday, 6 October, from 3 to 5 pm. CaPS (Career and Placement Services) is located on the 4th floor of the Students' Union Building.

This will give people the opportunity to tour our facility and see what kind of resources the centre has, says CaPS Director Wendy Coffin.

"You will be able to talk with our staff and learn of the many programs and services that are available for our students and alumni, for private and public sector employers and for the University community."

U of A on TSN

The Sports Network (TSN) was on campus Tuesday of this week to shoot a feature on the U of A. It will be broadcast Saturday afternoon (2 October) during the Golden Bears - U of C Dinosaurs game. Kickoff is at 1:30 pm; at press time TSN officials hadn't determined when the feature would be shown.

Application deadline for EFF - University Teaching Research Fund

The deadline for receipt of applications to the EFF - University Teaching Research Fund is 15 October 1993. Application forms are available from University Teaching Services, 215 CAR. Telephone: 492-2826.

ACCOUNTING AND MANAGEMENT INFORMATION SYSTEMS

8 October, 2 pm

Karim Jamal, "Understanding Decision Processes in a Multi-Person Setting." B-05 Business Building.

ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

7 October, noon

Firoz Rahvarzula, University of Alabama, Birmingham, "Characterization of Antibodies Against Large Proteoglycans of Soft Connective Tissue." 4089 Dentistry-Pharmacy Centre.

ANTHROPOLOGY

8 October, 3 pm

Jeanne Rappaport, Department of Anthropology, University of Maryland-Baltimore County, "The Art of Ethnic Militancy in Andean Colombia." 14-28 Tory Building.

ANTHROPOLOGY AND NATIVE STUDIES

4 October, noon

Margaret Seguin Anderson, First Nations Studies, University of Northern B.C., Prince George, "The Future of First Nations Studies." 14-28 Tory Building.

ART AND DESIGN

14 October, 5 pm

Timothy Nash, visiting printmaker, will present his own work. 2-20 Fine Arts Building.

CAMPUS MINISTRY

4 October, 7:30 pm

Father Timothy Scott, "Understanding Catholicism Today—Encountering Jesus in the Word of God." St. Joseph's College.

CANADIAN INSTITUTE OF UKRAINIAN STUDIES

14 October, 7:30 pm

Bohdan Chomiak, coordinator, Agricultural Aid Program with Ukraine, Grant MacEwan Community College, "Three Years of Aid Work in Ukraine." Heritage Lounge, Athabasca Hall.

CHEMISTRY

5 October, 1 pm

PGA Stone, Robert A Welch Chairholder, Baylor University, "The Interplay of Alkylidene and Carbonyl Groups at Metal Centers." E3-25 Chemistry Building.

7 October, 1 pm

Professor Stone, "Carbonyl Complexes of the Group 6 Metals as Reagents in the Synthesis of Organometallic Compounds." E3-25 Chemistry Building.

CHEMICAL ENGINEERING

7 October, 3:30 pm

Yingzhou Xu, "Studies on Modified Claus Reaction." 342 Chemical-Mineral Engineering Building.

14 October, 3:30 pm

Nilesh Oak, "Applications of Transmission Electron Microscopy (TEM) in Characterizing Microstructures in Phase-Separated Block Copolymers." 342 Chemical-Mineral Engineering Building.

TALKS

CLASSICS

8 October, 11 am

Virginia Hunter, York University, "Trouble in the House: Conflicts Among Kin in Classical Athens." B-70 Tory Building.

COMPUTING SCIENCE

2 October, 3 pm

Frederick P Brooks, Jr, professor, University of North Carolina at Chapel Hill, "Is There Any Real Virtue in Virtual Reality?" TL-11 Tory Lecture Theatre.

EIGHTEENTH-CENTURY STUDIES GROUP

6 October, 4 pm

Susan Jackel, "Interdisciplinary Studies as Method." 206 Arts Building.

GRADUATE STUDIES AND PHILOSOPHY

8 October, 1:30 pm

Richard Rorty will hold an informal discussion with graduate students on changing disciplinary boundaries and changing conceptions of graduate studies, with particular reference to literature departments. Professor Rorty will begin the discussion with a 15-minute talk titled, "Talk of Two Disciplines." L-3 Humanities Centre.

HISTORY

1 October, 3 pm

Lewis H Thomas Distinguished Speaker: Judith Leavitt, Department of History of Medicine, University of Wisconsin-Madison, "The Medicalization of Childbirth in the 20th Century." 1-9 Business Building.

6 October, noon

A short film, "What Wants to be Spoken, What Remains to be Said," will be shown and members of the Northern Alberta Women's Archives Association will give a brief presentation. 2-58 Tory Building.

LIMNOLOGY AND FISHERIES DISCUSSION GROUP

7 October, 12:30 pm

Rob Peters, McGill University, "Allometric Implications of Swimming Speed in Aquatic Animals." G-116 Biological Sciences Centre.

14 October, 12:30 pm

Hudson Hop, "Predation on Sockeye Salmon by Brown Bears on Kodiak Island, Alaska." G-116 Biological Sciences Centre.

MEDICAL MICROBIOLOGY AND INFECTIOUS DISEASES

1 October, noon

Andrew Chau, "The Controversy of Prion Diseases: Does the Protein Alone Transmit and Infect?" 2J4.02 MacKenzie Health Sciences Centre.

MUSIC

1 October, 4 pm

Jean-Jacques Nattiez, professor of musicology, University of Montreal, "Understanding Wagner's *Tristan and Isolde*: Semiology, Hermeneutics, and Music—Part III: The Various Analyses of the English Horn Solo: A Critical Appraisal." 2-34 Fine Arts Building.

4 October, 4 pm

Professor Nattiez, "Semiology and Hermeneutics Today: How to Interpret a Work of Art." L-3 Humanities Centre.

5 October, 2 pm

Professor Nattiez, "Introduction to Inuit Music—Part II: Inuit Vocal Games." 2-32 Fine Arts Building.

5 October, 7 pm

Professor Nattiez, "Staging Opera Today: Treachery or Faithfulness?" Muttart Recital Hall, Alberta College.

6 October, 3 pm

Professor Nattiez, "Music Analysis from the Tripartite Standpoint of Semiology: The Case of the Theme of Mozart's *Symphony in G Minor, K.550*—Part I." 2-32 Fine Arts Building.

7 October, 6 pm

Professor Nattiez, "Problems in the Analysis of Music." Location to be announced.

8 October, 3 pm

Professor Nattiez, "Music Analysis from the Tripartite Standpoint of Semiology: The Case of the Theme of Mozart's *Symphony in G Minor, K.550*—Part II." 2-32 Fine Arts Building.

Professor Nattiez's visit has been made possible through the generosity and cooperation of the following: The University of Alberta Distinguished Visiting Professor Fund, the Office of the Vice-President (Academic), the Office of the Vice-President (Research), the Office of the Dean of Arts, the Departments of Anthropology, Comparative Literature, English, and Romance Languages, Faculté Saint-Jean, and the Edmonton Opera Association.

NURSING

4 October, 4 pm

Joy Johnson, Institute of Philosophic Research, "Nursing Art: The Perceptual Aspect." 2-117 Clinical Sciences Building.

PERINATAL RESEARCH CENTRE

5 October, noon

David Cook, "Techniques for Effective Seminars." 2J4.02 MacKenzie Health Sciences Centre.

12 October, noon

Susan Jacobs, "Cardiovascular Regulation in Pregnancy." 2J4.02 MacKenzie Health Sciences Centre.

PHILOSOPHY

8 October, 4 pm

Richard Rorty, University Professor of Humanities, University of Virginia, "Is Truth the Goal of Inquiry?" L-1 Humanities Centre.

RURAL ECONOMY

4 October, 3:15 pm

Fiona J Seddie, "Analysis of Sustainable Forest Management on Farm Woodlots." 519 General Services Building.

SOIL SCIENCE

7 October, 12:30 pm

Jerry Leonard, "Management of Biorresource Industry Wastes in Tasmania." 2-36 Earth Sciences Building.

14 October, 12:30 pm

Roland Hauck, Agricultural and Environmental Research Center, Tennessee Valley Authority, "Public vs Technical Perspectives on Agriculture and the Environment." 2-36 Earth Sciences Building.

UNIVERSITY TEACHING SERVICES

4 October, 3 pm

Cheryl Cox, "Problem-Based Learning: Steps in Course Design and Implementation." 281 CAB.

5 October, 3:30 pm

T Craig Montgomery, "Computer Mediated Communication as an Aid to Daily Teaching (and Living)." 7-152 Education North.

7 October, 3:30 pm

Berrie Reed and Connie Varnhagen, "What We Have Learned From Teaching Cells." 281 CAB.

12 October, 3:30 pm

Dianne K Kieren, "Crowded Role Charters: Competing Roles for Today's Students." 281 CAB.

13 October, 9 am

Hugh Phillips, consultant, "Speaking with Class." TBW-2 Tory Brewery.

WOMEN'S PROGRAM

7 October, noon

"Health Scares - Health Cares - Women's Health Issues of the '90s" - panelists include Bette Hewes. Moderator - Marie Laing. Meeting room, Centennial Library basement.

ZOOLOGY

1 October, 3:30 pm

Simon D Pollard, "Female Vampires and Males with a Sweet Fang: Crab Spider Feeding Strategies." M-149 Biological Sciences Centre.

8 October, 3:30 pm

Rob H Peter, McGill University, "Terrors in Ecology." M-149 Biological Sciences Centre.

This symbol denotes environmentally related seminars. If you wish to have an environmentally related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6638.

FOLIO DEADLINE MOVED UP

The holiday weekend necessitates a deadline change for the 15 October issue of *Folio*. Classified and display advertisements, as well as submissions for the "Talks" section, must reach the Office of Public Affairs by 3 pm Thursday, 7 October.

Total quality management can work at universities CIRASS executive-in-residence speaks to MBA students

Can total quality management work at a university?

Yes, of course, says Jefferson Mooney, president and CEO of AdW Food Services Canada. Addressing the Faculty of Business MBA class last week, Mooney said total quality management starts with what's right for the customer.

"If you think about it, all an organization is is a group of people sharing a common purpose. You've got to have both. If you don't have that, you don't have an organization. A university has

it, a government has it and teams have it," the Canadian Institute of Retail and Services Studies executive-in-residence explained.

Mooney, the recipient of this University's 1992 Henry Singer Award, said customer focus, process focus, employee empowerment, eliminating waste and continuous improvement are the five components of TQM.

The greatest waste in organizations today is the untapped energy, intelligence and commitment of employees, he said.

Tours of SUB lined up

The Students' Union will conduct tours of the newly renovated Students' Union Building next week. The tours, intended for all interested academic and support staff on campus, are scheduled for 4 and 5 October, 4 to 4:45 pm each day, and 6 October, 9 to 9:45 am.

Members of the SU executive will show the "Building to Serve You Better" video and then guide visitors around the building.

The meeting place is 270 A, Students' Union Building.

EVENTS

EXHIBITIONS

FAB GALLERY

Until 17 October
 "Under the Skin" — an exhibition of recent drawings by Liz Ingram.
 Until 17 October
 "Elisabeth Nierhuise" — this exhibition is the final visual presentation in partial fulfillment of the requirements for the degree of MVA in Sculpture. Gallery hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; Saturday, Monday and statutory holidays, closed.

FILM

GERMANIC LANGUAGES

5 October, 7:15 pm
 "Frühlingssinfonie" (1983) — German with English subtitles. 141 Arts Building.

MUSIC

DEPARTMENT OF MUSIC

13 October, 12:10 pm
 Noon-hour Organ Recital, Convocation Hall.

EAST ASIAN STUDIES AND MUSIC

4 October, 7:30 pm
 Concert by the Yokohama Taiko Totsu Ensemble of Hokkaido, Japan. Free admission. Convocation Hall.

EAST ASIAN STUDIES AND THE UNIVERSITY PACIFIC ARTS CONNECTION

6 October, 7 pm
 "Dancing Phoenixes and Frolicking Dragons" — a dance performance by the Chinese Youth Goodwill Mission, Taiwan. Tickets: \$5 (available at East Asian Studies, 400 Arts Building), Myer Horowitz Theatre.

EDMONTON CHAMBER MUSIC SOCIETY

4 October, 8 pm
 Verser String Quartet — Anton Kuerti, piano. Information: 433-4532. Convocation Hall.

8 October, 8 pm
 Anton Kuerti, piano recital. Tickets: The Gramophone or at the door. Convocation Hall.

SPORTS

VOLLEYBALL

8 and 9 October
 Pandas and Bears — Alberta Cup, Main Gym.

Engineering professor gets help from Mother Nature Dave Sego working on tailings pond storage problems

What to do with all that sludge?

It's a question many industrial companies, particularly in this province, are trying to answer. They're also trying to solve their tailings pond problems in an ecologically responsible way.

Civil Engineering Professor Dave Sego is seeking solutions to those problems, but he's not working alone. Seems he's enlisted the assistance of Mother Nature.

Many companies keep huge quantities of industrial tailings, the refuse from their ore extraction processes, in large ponds. At Suncor, in Fort McMurray, for example, the fine tailings are stored nearby and contain clays and significant quantities of water. Dr Sego, an expert on permafrost behaviour, has developed a freezing and thawing technique that releases that water.

The goal is to reduce the huge volumes of the fine tailings. Typically, the oil sands fine

tailings contain about 30 percent solid materials. The rest is water.

Using a process called thin-layer freezing, the fine tailings are pumped over fields 60 metres by 200 metres in 15 centimetre layers. Then more layers are pumped onto the existing layers. "Last winter in our field experiments we froze about 180 centimetres," Dr Sego explains.

"This summer, it thawed. About 75 centimetres of mineral material remained. Those remaining fine tailings were treated chemically with small amounts of sulphuric acid and lime. That enhanced the additional release of water."

That water can be recycled and used in the processes at the plant, meaning that the company wouldn't have to use as much river water. And in the longer term, the companies aren't faced with such huge storage problems of fine tailings.

Dr Sego, who got involved in this work in January 1989, wanted to know whether permafrost technology could be used to solve an industrial problem. Existing technologies, such as filtering and centrifuge, have been used, but they're costly and inefficient, he says. "So I wondered whether we could have Mother Nature do the work for us."

Dr Sego's work has attracted considerable interest in the industrial sector. Suncor, AOSTRA and OSLO have funded the work and Alberta Environment has also kicked in some money to enable him to do his field work.

Next winter another field experiment will be conducted in Fort McMurray to ensure the results can be repeated.

Can other industrial sectors use the technology? "We're looking at the possibility," says Dr Sego. "We're looking at this as a way of trying to separate water out of high water content industrial sludges — pulp and paper sludges, for example." Dr Sego has conducted a few experiments with gold mine waste from a mine in the Northwest Territories and coal mine waste from a mine in Alberta.

Companies also see the technology as a means of dealing with their longer term obligations to meet reclamation requirements.

POSITIONS

The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

ACADEMIC STAFF

Dean, Faculty of Engineering

Applications and nominations are invited for the position of Dean of Engineering. The Faculty of Engineering offers four-year programs of study leading to the degrees of BSc in Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Engineering Physics, Mechanical Engineering, Metallurgical Engineering, Mining Engineering, and Petroleum Engineering. A combined BSc in Engineering/Master of Business Administration is also offered. A co-operative education option is available in all Engineering disciplines. Current full-time undergraduate enrollment is over 2,300 students. Facilities are also available for advanced training and research for approximately 400 graduate students. There are 135 full-time academic staff.

The Dean is responsible to the Vice-President (Academic) for the supervision and administration of the academic program, budget, and all activities of the Faculty. Candidates should have a demonstrated capacity for collegial leadership, strong academic qualifications, and proven administrative ability.

The appointment will take effect 1 July 1994 or as soon as possible thereafter. Written nomination or applications, accompanied in the latter case by a statement of qualifications and experience, and the names of three referees, should be submitted by 15 December 1993 to Dr W John McDonald, Vice-President (Academic), University of Alberta, Third Floor, University Hall, Edmonton, Alberta T6G 2P9.

Distance Education Consultant (7 FTE), Term Appointment

This professional educator will work with other educators and technical staff at the Faculty of Education, other Faculties at the Uni-

versity of Alberta, and elsewhere in Alberta to enhance the effective use of several technologies for distance learning. The position requires a master's degree in Adult Education or Educational Technology, and several years' experience in distance education. Excellent interpersonal skills are also considered necessary in this role.

The primary responsibility of the successful candidate will be with regard to educational consulting, promotion, and the handling of the administrative aspects of the audio and audiographic teleconferencing facilities at the University of Alberta. This responsibility involves such tasks as ongoing liaison with course deliverers on campus; consultation on delivery formats and instructional techniques; coordination of delivery support; developing new clients; acting as an information resource; and other related duties.

Another major responsibility of the person in this role is to provide leadership, liaison, and project administration to two projects in the Faculty of Education involving the use of computer technology and desktop video for distance education and aspects of practicum supervision.

This appointment will be made for the remainder of the academic year, from 1 September to 30 June 1994. Salary will be commensurate with education and experience. Applications may be submitted in confidence to David A Mappin, Director, Instructional Technology Centre, 8-117 Education Centre, University of Alberta, Edmonton, Alberta T6G 2G5.

This competition will remain open until a suitable candidate is identified.

SUPPORT STAFF

To obtain information on support staff positions, please contact Personnel Services and Staff Relations, 2-40 Academic Hall, telephone 492-5201. You can also call the Job Information Line at 492-7205 (24 hours) or consult the weekly Employment Opportunities Bulletin.



ACCOMMODATIONS AVAILABLE

VICTORIA PROPERTIES - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call (404) 595-3200, Lois Dutton, Re/Max, Fort West, Victoria, BC.

MCHINER PARK - Two bedroom rowhouses and apartments for rent in University residence located in southwest Edmonton. Excellent bus service to University, utilities included. University inquiries welcome, 492-7044.

RENT - Elegantly furnished two-storey home, two blocks from University and Hospital. Four bedrooms, office, sunroom, family room, garage. December 1993 - 30 June 1994. No pets/smokers. \$1,490/month. 432-1193.

SALE - Grandview Heights, 2,300' architect-designed home. Reduced to \$239,500. Children walk to excellent elementary - junior high. Vacant. Immediate possession. Evan Potter, Royal LePage, 436-4700.

SALE - Walk to University from this 1,435' two bedroom condo in Claridge House. Reduced price of \$114,500. Includes five appliances. Evan Potter, Royal LePage, 436-4700.

RENT - One bedroom apartment. Brigravia. Available 1 October 1993. Non-smoking, quiet adult. Walk to University of Alberta. (403) 542-4461.

RENT - Close to University. The Marquis, new high-rise condo, 11th floor, one bedroom,

1 1/2 baths, beautiful view, tennis, pool, sauna, exercise room. Rent \$625, includes utilities, parking. Phone 437-7004.

RENT - St. Albert, executive 1 1/2 storey. Four bedrooms, plus main floor office, 2 1/2 baths, double garage. Convenient location. References required. Short term available. 439-8898.

RENT - Old Strathcona, three bedrooms, furnished, main floor suite. Hardwood floors. Utilities included. Available immediately. 434-6287.

BOOM AND BOARD - Walking distance to Southgate. One bus to University. Large furnished bedroom, own bath, television, laundry, parking. Utilities included. Non-smoking, female. 436-7670.

RENT - Deluxe 1,100 square foot condo. One bedroom, den, fireplace, five appliances. Close to University (Yellowbird). \$400 month. References required. Call 461-9584.

RENT - Shared accommodation. Furnished, two bedroom condo, river valley. All amenities. \$360 month, includes utilities, cable. 489-9206.

SALE - Saskatchewan Drive. Well maintained three bedroom, four level split, fully developed basement, family room, large double detached garage, huge mature lot. Walk to University. Joan Lynch, Re/Max, 433-9025, 436-7000.

SALE - Brigravia. Spacious 1,320 square foot, three bedroom bungalow. Two full

CURRENTS

Business Selection Committee invites input

A Selection Committee for Chair, Department of Marketing and Economic Analysis, Faculty of Business, has been established. Anyone wishing to make suggestions/comments to this committee should do so before 15 November 1993 by writing to Rodney Schneck, Dean, Faculty of Business, 4-40 Business Building.

GST accounting workshops

The Office of the Comptroller will conduct GST accounting workshops from 25 to 27 October. The workshops are designed to help staff better understand GST regulations, particularly as they relate to University transactions. Sessions are three hours and will be held in 205 Administration Building. Advance registration is required. Staff interested in attending a workshop should contact Fred Greenberg, GST tax analyst, Office of the Comptroller, 462-4383.

baths, fully developed basement, double detached garage, large lot and laundry on main floor. Joan Lynch, Re/Max, 433-9025, 435-7000.

SALE - Luxury, semi-detached, three years old, custom-built, two story. Three bedrooms, three baths, den, family room, European kitchen. Appliances, window coverings. Double garage, deck. \$179,900. Earl Pottinger, Re/Max, 439-7000.

RENT - Capilano, superior home near downtown, trails, park. Professional female seeks non-smoking female. Separate bathroom, living room, bedroom, carpet, cable, shared kitchen, laundry. \$350 negotiable. 465-6364.

RENT - Conveniently located, near park and trails, 1/2 duplex, three bedrooms, basement, fenced yard, pets okay. \$695. Available immediately. 424-1653.

SALE - Vanciana Towers - One bedroom, high-rise condo, close to University and Hospital. Private sale. 403-7823.

RENT - Furnished house, Belgravia area. University staff or graduate student preferred. Available 1 November. \$700. 436-1431, (403) 276-3056 collect.

SALE - Walk to the University from this Gemini Meadows condo. Six appliances, two bedrooms, 1 1/2 baths. Patio off living room. Underground parking. \$132,000. Marjorie King, Spencer Real Estate, 435-0808, 435-0895.

RENT - Superbly located house on Saskatchewan Drive. Close to University, shopping, public transit. Suitable for couple. 437-6738, 439-9796.

SALE - Elegant Belgravia two bedroom condo, facing park. Fireplace, jacuzzi, six appliances, large living-dining room, underground parking. Adult building. Liz Crockford, Spencer's, 435-0808.

SALE - Two lots, both 60 feet wide, facing parkland, views, on Saskatchewan Drive. Call Liz Crockford, Spencer's, 435-0808.

SALE - New Lanedowne listing. 2,799 square feet, five bedrooms, huge oak kitchen, fancy jacuzzi ensuite, glass, brick, ceramic tile. Quiet location, near ravine. \$259,000. Liz Crockford, Spencer's, 435-0808, 434-6555 residence.

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MARK EHRMAN CABINET SERVICES - Custom designs or made to match existing. References available. 463-0889.

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GIANNI'S WORD PROCESSING SERVICES - Word Perfect 5.1, laser printing. Rush jobs welcome. Call 459-3054.

OTHER

CONCORDIA COLLEGE requires a seasonal instructor for Philosophy 140, 180, 200 and 250. Term: 1 September 1994 to 30 April 1995. Apply to: Dr Marco LoVeno, Academic Dean, 7128 Ada Boulevard, Edmonton T5B 4S4. Tel: (403) 479-8481.

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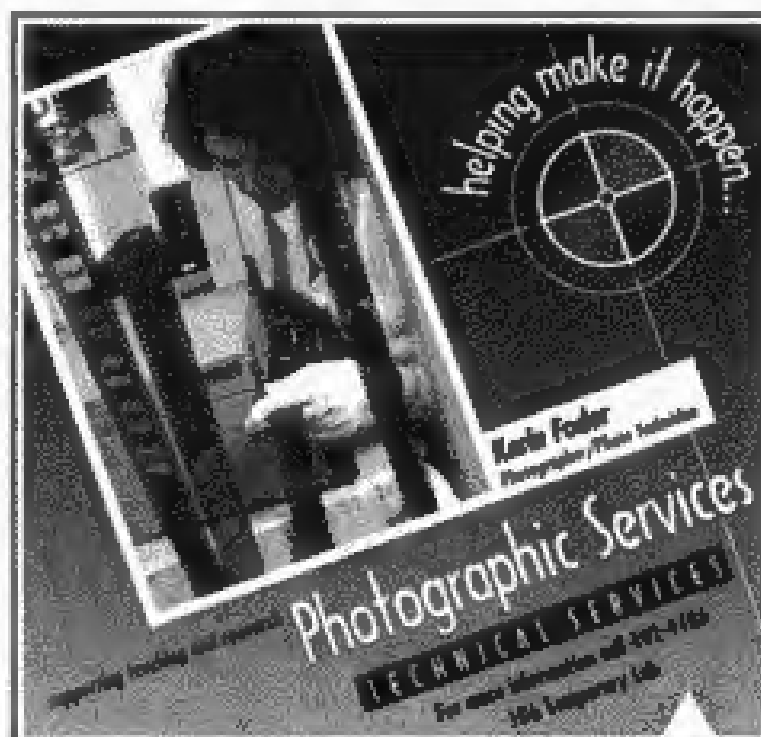
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CMPA

Faculty of Education
Basement of H. T. Coultas
(Education) Library

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Catherine M. Fletcher D.D.S.

DENTIST

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c/o 2800

Our hours are:
Mon. 9am - 5pm
Tues.-Fri. 8am - 4pm

Campus Recreation Classes



Get into the Action!

Come experience the excitement & fun of participation!

Lots of room is still available. Register today—the form is in the Catalogue!

Details are available in the Campus Recreation Catalogue (available everywhere on campus) or by phoning Campus Recreation at 492-2555.

Still Available			
Aerobics Classes			
Super Noon	p. 24	Yoga	
Hi-Lo Impact Aerobics	p. 24	Beginner Hanga Yoga	p. 25
Hip Hop	p. 22	Int. Hanga Yoga	p. 24
Aerobics with Lynne	p. 24	Beginner Classic Yoga	p. 24
Cool Aerobics		T'ai Chi	
with Carmen	p. 23	For Beginners	p. 25
Specialty Fitness Classes			
Toning With Dynabands	p. 25	Dance Courses	
Morning Fat Burner	p. 24	Introductory Ballet	p. 28
Slate for Fitness	p. 25	Introductory Jazz	p. 28
No Frills Classes			
Early Bird Keep Fit	p. 23	Social Dance	p. 28
Early Bird New Starters	p. 23	Country 2-Step/ Line Dance & Swing	p. 29
Evening Fitness	p. 22	West Coast Swing Workshop	p. 29
Cardio Fun			
Leslie Ben	p. 25	Jive Dance Workshop	p. 29
Morning Cardio	p. 25	Intro to Latin Dance Workshop	p. 29
Lunch Hour Cardio	p. 24	"On the Ball" Workshop	p. 29
Circuit Training	p. 21	OPR Courses	
Beach Stepping	p. 22	Beginner Sports	
Low Cost Student Special		Intro Racquetball	p. 30
Pre-Season Ski Conditioning			
	p. 23	Intro Squash	p. 30
		Inter Squash	p. 30

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